Remington

DU PONT

HIGH POWER CARBINES

FIXED BOX MAGAZINE

BOLT ACTION REPEATERS

MODEL 660 AND MAGNUM

INSTRUCTION FOLDER and PARTS PRICE LIST

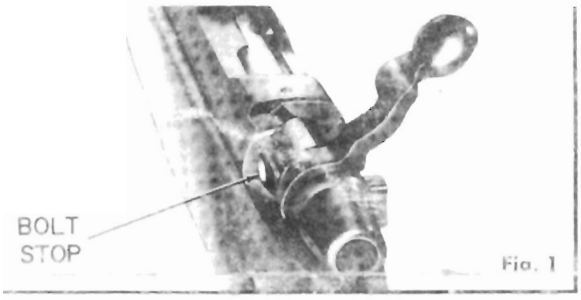


Fig. 1

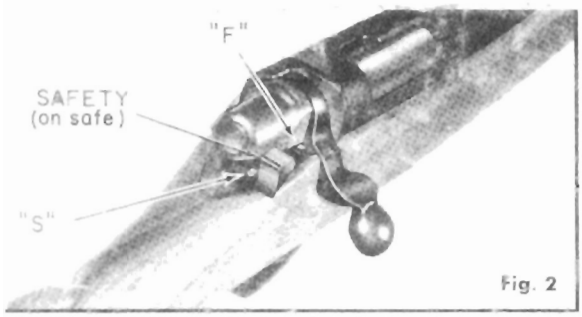


Fig. 2

The new Remington Models 660 and 660 MAGNUM are lightweight, compact length carbines. Capacity of five (5) cartridges is possible in the Model 660 — four (4) in the fixed magazine and one in the barrel chamber. Magazine capacity in the 222 caliber is five (5) cartridges. Capacity in the MAGNUM model is four (4) cartridges — three (3) in the magazine and one in the barrel chamber.

ACTION — These models include a strong, steel shrouded, bolt face. In the MAGNUM model, the action is custom-bedded in a rugged, moisture resistant, laminated stock. A "Delrin" tang support also gives the MAGNUM action added bearing in rear of stock.

STOCK — The full length Monte Carlo design features a form fitting pistol grip accentuated with black cap and white spacer. An attractive tip and spacer of the same material has been fitted to the fore-end. Custom checkering is applied and the entire stock protected by the tough Du Pont RK-W wood finish to add a lustrous appearance. On the MAGNUM model, a recoil pad and a carrying strap with quick detachable swivels are added as standard equipment.

The receiver is fitted with removable plug screws for receiver sights or telescope mounts. A solid piece bolt with close fitting handle can be easily removed for takedown purposes. A jacket type bolt plug is an added feature on these models.

TO PUT BOLT IN GUN — Simply align bolt lugs to enter receiver properly, then rotate safety forward. Push bolt forward and into gun. **Note:** Bolt must remain "cocked". See **To Cock Bolt.**

TO REMOVE BOLT — Push safety forward to unlock bolt and raise bolt handle. Pull bolt rearward. Press down on front of bolt stop. Bolt stop is located in left rear of bolt channel in receiver (Fig. 1). Use small flat key or screw driver. Allow bolt to slide back and disassemble as bolt stop is passed; lift bolt from gun.

SAFETY (Fig. 2) — Close bolt and rotate safety to rear stop position marked "S" on receiver. Side lever type safety is located at right rear of receiver. With safety in rear stop (ON SAFE) position, trigger cannot be pulled to fire rifle and bolt handle cannot be raised to unlock and open action.

FIRE — Rotate safety to forward stop position marked "F" on receiver. Trigger can be pulled to fire rifle and bolt handle can be raised to open action.

Caution: Before firing make sure barrel bore is clear — free of heavy oil, grease, or any obstruction.

TO SINGLE LOAD — Raise bolt handle to unlock bolt. Pull bolt handle back to open action. Load cartridge into breech. Close bolt to chamber cartridge and lower bolt handle to lock action closed. Rotate safety to rear stop, ON SAFE position.

TO UNLOAD BARREL — Raise bolt handle to unlock action. Pull bolt handle back carefully until bullet tip clears receiver. Lift cartridge carefully from rifle.

TO LOAD MAGAZINE — Open bolt and load cartridges directly into magazine.

TO UNLOAD MAGAZINE — Caution: Make certain barrel is empty when unloading magazine. Pull bolt to rear carefully. Then push bolt forward until cartridge is released from magazine. Lift free cartridge from rifle. Repeat until magazine is empty.

SIGHTS — The Remington Model 660 is factory equipped with open sights (Fig. 3). Windage or elevation adjustment may be made with rear sight. The front sight is "fixed" type, not adjustable for windage or elevation.

ELEVATION OR RANGE — The rear sight may be raised or lowered by adjusting the notched sight step beneath the rear eyepiece. The elevation of the rear sight will increase range or raise bullet impact at target.

WINDAGE—The rear sight eyepiece may be moved to the left by turning the windage screw clockwise. By turning the windage screw counter clockwise the rear sight eyepiece may be moved to the right. This will move bullet impact at target to right.

Note: The windage screw is located beneath the eyepiece. (Fig. 3).

Fig. 3

CLEANING AND CARE — **Caution:** Make sure rifle is empty of live ammunition (before cleaning). To make cleaning of barrel or bolt easier remove bolt from rifle. (See Fig. 1). Use a good petroleum solvent for cleaning of parts.

CLEANING OF BARREL — Use lightly oiled, soft cloth and clean from breech to muzzle. Scrub barrel bore and cartridge chamber in barrel with a good bore solvent, if necessary. Wipe dry and re-oil bore and chamber very lightly.

CLEANING OF BOLT — Brush face of bolt to remove shooting residue. Wipe dry and re-oil very lightly. To prevent undue wear, lubricate cam surfaces at rear of bolt — top and bottom. Additional care and cleaning of bolt parts can be done, if necessary.

TO DISASSEMBLE BOLT PARTS — Remove bolt. Pull firing pin head back until coin or similar piece can be inserted in slot near back edge of firing pin head (Fig. 4). Then hold bolt handle and turn bolt plug at rear until entire firing pin assembly can be unscrewed and removed from bolt assembly. Reassemble in reverse order.

TO COCK BOLT — Bolt must remain cocked to put into rifle. If bolt becomes "uncocked" firing pin head will be forward and show as being deep inside bolt plug at rear. **To cock bolt**, hold firing pin head firmly to prevent movement; then turn bolt with handle. Bolt will cam on cocking surface (beneath handle) against firing pin head. Continue turning bolt handle until cocking notch on rear engages firing pin head. Bolt is then cocked and ready for re-entry.

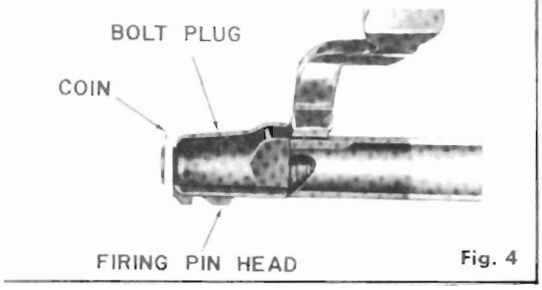


Fig. 4

ACTION CLEANING — Action parts in stock will remain clean longer if very little oil is used. **Trigger adjustment** is sealed at factory. This adjustment provides proper amount of trigger pull and weight. Therefore, removal of stock is not recommended unless for care or replacement of parts. If necessary to remove stock, unscrew both front and rear guard screws (see sectional view). Lift away trigger guard and stock. **Note:** MAGNUM action may require added pressure to dislodge from custom-bedded stock.

HANDLING — Oil-wipe barrel, receiver and all steel parts to prevent rusting. Invisible "prints" of moisture can cause rust unless removed.

EXPOSURE — After using in wet weather, always wipe steel parts with oil. Abrupt changes in temperature can also cause condensation and wetness. Therefore, special care is needed, especially to inside metal parts to prevent rust. When shooting in freezing weather, remove any excess oil for best results. Use dry graphite if necessary to lubricate working parts.

SLING STRAP — A sling strap complete with mountings is packaged with each MAGNUM carbine. When attaching, assemble both quick detachable (Q.D.) swivel assemblies to stock. To do this, push plunger or swivel until small plate lifts and can be swung free of attaching stud on swivel. Insert attaching stud into eye of stock screw. Close plate on swivel to lock swivel to stock screw.

To attach strap to swivels — insert tongue of strap through one swivel. Loop strap back and through keeper and pull strap until buckle is near mid point of strap. Slide keeper back near swivel to form loop. Insert tongue of strap through large and then small openings of buckle. Insert strap through other swivel, double strap back and insert small diameter of brass fastener through slots. Adjust strap to suit.

To remove strap, simply unsnap quick detachable swivels from stock screws.

INSTRUCTIONS FOR ORDERING PARTS

(Please read carefully)

WHEN ORDERING PARTS . . . . MODEL NUMBER, PART NUMBER and PART NAME MUST BE GIVEN. Give also serial number (if any), and state caliber or gauge and choke needed. Please identify from the component parts, picture or section view. When ordering interchangeable shotgun barrels, please list on separate order form. This will speed up shipment to you.

Cover only one subject in letter or order. Do not order spare parts and give instructions on repair of a gun or guns in the same letter — **this delays service.**

Please **do not ship sample parts** to Firearms Factory unless it is impossible to identify from the Parts List or Instruction Folder. See shipping instructions concerning FACTORY SERVICE.

The sale of barrels and bolts is restricted. Special tools, and gauges are required for assembly.

Parts will be furnished for discontinued models as long as the supply is available. We are unable to supply parts for models or repair guns not listed in Complete Line Parts List.

All parts will be shipped as ordered, but since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper functioning of the arm.

IMPORTANT: Do not combine Part Orders with Gun Service Orders.

Please send Part Orders direct to:

REMINGTON ARMS COMPANY, INC.
PARTS DEPT.
ARMS SERVICE DIVISION
Ilion, New York 13357

INSTRUCTIONS FOR FACTORY SERVICE

Please read carefully before making shipment to the Firearms Plant at ILION, NEW YORK 13357

Please package carefully when shipping firearms to factory. Use plenty of cushioning material to prevent movement of gun or gun parts in package during transit.

Please do not ship gun in a gun case, or special container that must be returned from the factory. The return of your gun or parts will be greatly speeded if properly packaged in a throw-away carton.

All shipments should have forwarding and return address clearly marked on gun package as well as on attached letter.

To further improve service — please attach complete letter of information securely on outside of each package returned to the factory for repairs.

Please do not return gun accessories such as sling straps, quick release swivels, special boots, covers, telescopes, mounts or any special equipment to the factory with the gun shipment.

Give full details of the contents of the shipment — state whether complete gun or part. List model name and model number, serial number (if any), and caliber or gauge.

Give full condition of contents — stock and fore-end damage (if any), metal damage (if any), barrel bent or damaged (if any), parts missing, etc. A full description will enable us to more accurately list the needed repairs.

Cover only **one subject** in letter or order. **Do not** order spare parts and give instructions on repair of a gun or guns in the same letter — **this delays service.**

THEN — to avoid all possible delay in starting work on your gun or parts, please include in your first order or letter the trouble you wish corrected, any changes you desire, or parts you wish replaced.

If an estimate is required before the work is started, please advise. Otherwise we will proceed with the necessary work and send a statement of the cost to you. In this manner your gun or parts can be reshipped at the earliest possible date.

Unless you specify otherwise, shipments will be made by way of Parcel Post on small packages, Express on larger packages.

Remington gun parts are not interchangeable with those of any other make of gun. For this reason the Remington Arms Company, Inc. cannot service any gun not of our manufacture.

Repairs will be made on discontinued models as long as the supply of parts is available. However, **repairs cannot be made** for models which are **not listed** in complete line Parts List.

IMPORTANT: Before packaging guns for return to factory, ALL LIVE AMMUNITION SHOULD BE REMOVED.

If live ammunition is included in package, shipment cannot be made by Insured Mail. All other shipments may be made by Insured Mail, Express, Motor Transport, or Freight.

Please send repairs direct to:

REMINGTON ARMS COMPANY, INC.
ARMS SERVICE DIVISION
Ilion, New York 13357

Printed in U.S.A.

Rev. 269 Form RD 5733

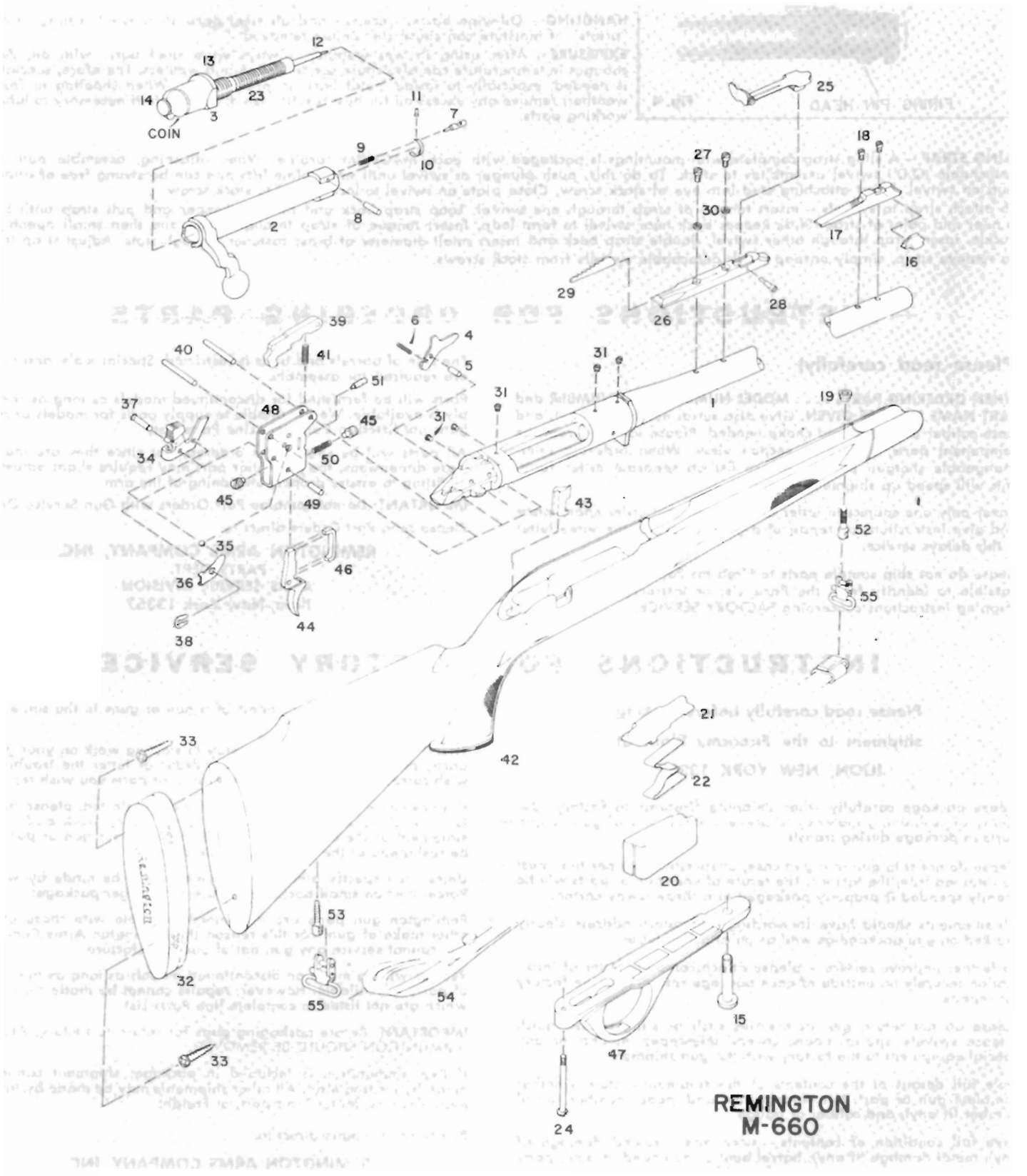
Send all guns for factory service and inquiries on service and parts to

REMINGTON ARMS COMPANY, INC.
Arms Service Division
Ilion, New York 13357

All other inquiries are to be addressed to

REMINGTON ARMS COMPANY, INC.
Bridgeport, Connecticut 06602

MODEL 660 AND MAGNUM



REPLACEMENT PARTS

When ordering parts specify model, caliber, part name and serial number of the gun.

NOTE: The sale of barrell assemblies and breech bolts is restricted. When these parts are needed for replacement, the arm must be returned to the factory as the use of special tools and gauges is required to assure proper operation. All other parts will be shipped as ordered but, since they are made to close dimensions, the particular part may require slight adjustment or fitting to assure proper

COMPONENT PARTS

Remington

MODEL 660 AND MAGNUM

BOLT ACTION — HIGH POWER CARBINES

308 Win., 222 Rem., 6MM Rem., 243 Win.,
350 Rem. Mag., 6.5MM Rem. Mag.

When ordering parts — Model No., Part No. and Part Name must be given.

View No.	Part No.	NAME OF PART	List Price
	29860	Barrel Assembly, 308 Win. (includes Barrel, Barrel Bracket, Receiver)	
	29861	Barrel Assembly, 222 Rem.	
	29863	Barrel Assembly, 6MM Rem.	
	29865	Barrel Assembly, 243 Win.	
1	29866	Barrel Assembly, 6.5 Rem. Mag.	
	29867	Barrel Assembly, 350 Rem. Mag.	
	29870	Bolt Assembly, 308 Win. (includes Bolt Body Assembly and Bolt Handle)	Price on Application
	29871	Bolt Assembly, 222 Rem.	
2	29873	Bolt Assembly, 6.5 Rem. Mag., 350 Rem. Mag.	
	29890	Bolt Final Assembly, 308 Win. (includes Bolt Assembly, Ejector, Ejector Pin, Ejector Spring, Extractor, Extractor Rivet, Firing Pin Assembly)	
	29891	Bolt Final Assembly, 222 Rem.	
	29893	Bolt Final Assembly, 6.5 Rem. Mag., 350 Rem. Mag.	
3	15676	Bolt Plug	$ 2.40
4	15412	Bolt Stop	.35
5	24484	Bolt Stop Pin	.25
6	15413	Bolt Stop Spring	.25
	15741	Butt Plate	.60
	25410	Butt Plate Screw	.25
	14390	Butt Plate Spacer	.25
7	17017	Ejector	.55
	15852	Ejector, 222 Rem.	.90
8	17676	Ejector Pin	.25
9	17019	Ejector Spring	.25
	16254	Extractor	1.35
	15850	Extractor, 222 Rem.	1.35
10	15709	Extractor, 6.5 Rem. Mag., 350 Rem. Mag.	1.35
	27340	Extractor Rivet	.25
	27342	Extractor Rivet, 222 Rem.	.35
11	27341	Extractor Rivet, 6.5 Rem. Mag., 350 Rem. Mag.	.25
12	15410	Firing Pin	2.70
13	28600	Firing Pin Assembly (includes Bolt Plug, Firing Pin, Firing Pin Cross Pin, Firing Pin Head, Main Spring)	7.50
	17022	Firing Pin Cross Pin	.25
14	15673	Firing Pin Head	1.00
15	15653	Front Guard Screw	.25
16	15373	Front Sight	.90
17	28510	Front Sight Ramp	1.50
18	28505	Front Sight Ramp Screw	.25
19	15357	Front Swivel Nut	.25
	14391	Grip Cap	.25
	15390	Grip Cap Inlay	.25
	15757	Grip Cap Screw	.25
	14392	Grip Cap Spacer	.25
	15433	Magazine	.90
	15842	Magazine, 222 Rem.	.90
20	15648	Magazine, 6.5 Rem. Mag., 350 Rem. Mag.	1.20
	17056	Magazine Follower	.60
	16793	Magazine Follower, 222 Rem.	.60
21	15667	Magazine Follower, 6.5 Rem. Mag., 350 Rem. Mag.	.60
	15742	Magazine Spacer, 222 Rem.	.35
22	17891	Magazine Spring	$ .80
	17983	Magazine Spring, 222 Rem.	.90
23	15411	Main Spring	.35
24	17580	Rear Guard Screw	.25
25	24525	Rear Sight Assembly (includes Rear Sight Collar, Rear Sight Eyepiece, Rear Sight Leaf, Rear Sight Windage Screw)	3.30
26	25313	Rear Sight Base	.90
27	16023	Rear Sight Base Screw	.25
28	16456	Rear Sight Screw	.25
29	28095	Rear Sight Step (selected sizes)	.25
30	16968	Rear Sight Washer	.25
31	17034	Receiver Plug Screw	.25
32	21386	Recoil Pad, Magnum Caliber	3.75
33	25410	Recoil Pad Screw, Magnum Caliber	.25
	15651	Reinforcing Screw	.25
34	26795	Safety Assembly (includes Safety and Safety Thumbpiece)	1.20
35	26850	Safety Detent Ball	.25
36	15432	Safety Detent Spring	.35
37	17043	Safety Pivot Pin	.25
38	17044	Safety Snap Washer	.25
39	15666	Sear Safety Cam	2.10
40	24476	Sear Pin	.25
41	17047	Sear Spring	.25
	29835	Stock Assembly (includes Butt Plate, Butt Plate Screw (2), Butt Plate Spacer, Fore-end Tip, Fore-end Tip Plug, Fore-end Tip Spacer, Grip Cap, Grip Cap Inlay, Grip Cap Screw, Grip Cap Spacer, Reinforcing Screw (2), Stock)	35.50
42	29880	Stock Assembly, Magnum Caliber (includes Fore-end Tip, Fore-end Tip Plug, Fore-end Tip Spacer, Grip Cap, Grip Cap Inlay, Grip Cap Screw, Grip Cap Spacer, Recoil Pad, Recoil Pad Screw (2), Front Swivel Nut, Reinforcing Screw (2), Stock)	51.00
43	15883	Tang Support, Magnum Caliber	.25
44	15435	Trigger	.90
45	17049	Trigger Adjusting Screw	.25
	14714	Trigger Adjusting Screw, Front	.25
	26730	Trigger Assembly (includes Trigger Housing, Safety Snap Washer, Sear Safety Cam, Sear Spring, Trigger, Trigger Adjusting Screw (2), Trigger Connector, Trigger Pin, Trigger Spring, Trigger Stop Screw)	9.00
46	15436	Trigger Connector	.35
47	15437	Trigger Guard	.90
48	15429	Trigger Housing	2.40
49	24477	Trigger Pin	.25
50	17978	Trigger Spring	.25
51	17053	Trigger Stop Screw	.25

SLING STRAP EQUIPMENT

	14694	Sling Strap Assembly and Mountings Complete	9.10
		Includes:	
52	15356	Front Swivel Screw	.60
53	15358	Rear Swivel Screw	.60
54	30855	Sling Strap Assembly 7/8"	3.45
55	26555	Swivel Assembly, Q.D.	2.10
	15357	Front Swivel Nut	.25